

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (original) A method for aligning a beam projector with a linear array of receptors with first and second alignment receptors aligned with the linear array of receptors, the method comprising:

projecting a beam from the projector;

sweeping the beam until the first and second alignment receptors sense the beam;

upon each of the first and second alignment receptors sensing the beam, transmitting a signal;

responsive to the transmitted signals, recording the position of the beam projector;

computing, from the recorded positions, an alignment position of the beam projector to align with the linear array of receptors; and

aligning the beam projector with the linear array of receptors according to the alignment position.

2. (original) The method of claim 1 wherein sweeping the beam includes sweeping the beam horizontally and vertically.

3. (original) The method of claim 1 wherein transmitting a signal includes transmitting an electrical signal.

4. (original) The method of claim 1 wherein transmitting a signal includes transmitting an optical signal.

5. (original) The method of claim 1 wherein recording the position of the beam projector include recording the horizontal position of the beam projector.

6. (original) The method of claim 1 wherein recording the position of the beam projector include recording the vertical position of the beam projector.

7. (original) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the horizontal position of the beam projector.

8. (original) The method of claim 7 wherein aligning the beam projector includes positioning the beam projector to the horizontal position of the alignment position.

9. (original) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the vertical position of the beam projector.

10 (original) The method of claim 9 wherein aligning the beam projector includes positioning the beam projector to the vertical position of the alignment position.

11. (original) The method of claim 1 wherein computing the alignment position of the beam projector includes computing the position tilt angle of the beam projector.

12. (original) The method of claim 11 wherein aligning the beam projector includes positioning the beam projector to the tilt angle of the alignment position.

13. – 37. (canceled)

38. (original) A program storage system readable by a computer, tangibly embodying a program, applet, or instructions executable by the computer to

perform method steps aligning a beam projector with a linear array of receptors with first and second alignment receptors aligned with the linear array of receptors, the method comprising:

- instructing the projector to project a beam;
- instructing a positioning system to sweep the beam until the first and second alignment receptors sense the beam;
- receiving a signal indicative of each of the first and second alignment receptors sensing the beam;
- responsive to the received signals, recording the position of the beam projector;
- computing, from the recorded positions, an alignment position of the beam projector to align with the linear array of receptors; and
- instructing the positioning system to align the beam projector according to the alignment position.

39. (original) The program storage system of claim 38 wherein instructing a positioning system to sweep the beam includes instructing the positioning system to sweep the beam horizontally and vertically.

40. (original) The program storage system of claim 38 wherein recording the position of the beam projector include recording the horizontal position of the beam projector.

41. (original) The program storage system of claim 38 wherein recording the position of the beam projector include recording the vertical position of the beam projector.

42. (original) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the horizontal position of the beam projector.

43. (original) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the vertical position of the beam projector.

44. (original) The program storage system of claim 38 wherein computing the alignment position of the beam projector includes computing the position tilt angle of the beam projector.

45. – 74. (canceled)